This is the peer reviewed version of the following article: [Ohara M, Tomoda F, Koike T, Liu H, Uno K, Nitta A, Inoue H. Pubertal administration of antiserum against nerve growth factor regresses renal vascular remodeling in spontaneously hypertensive rats. Clin. Exp. Pharmacol. Physiol. 2015; 42: 687-94], which has been published in final form at [10.1111/1440-1681.12411]. This article may be used for non-commercial purposes in accordance with Wiley Terms and Conditions for Self-Archiving

Table 4. Morphological characteristics of preglomerular vessels and glomeruli in maximally vasodilated kidneys at 10 weeks of age in spontaneously hypertensive rats and Wistar-Kyoto rats treated with antiserum against nerve growth factor or vehicle at 3 weeks of age

	Wistar-Kyoto rats		Spontaneously hypertensive rats		<i>P</i> value for two way ANOVA		
Variables	Vehicle	anti-NGF	vehicle	anti-NGF	strain	treatment	strain ×
	(n=9)	(n=9)	(n=9)	(n=9)	effect	effect	treatment
Interlobular artery							
Luminal CSA ($\times 10^3 \mu m^2$)	4.49±0.13	4.21±0.18	3.97±0.13†	5.19±0.29*†	0.24	0.015	< 0.001
Wall CSA ($\times 10^3 \mu m^2$)	1.89 ± 0.06	1.89±0.10	2.81±0.11†	2.40±0.14*†	< 0.001	0.05	0.07
Wall/lumen ratio	0.431±0.016	0.466 ± 0.024	0.733±0.032†	0.476±0.019*	< 0.001	< 0.001	< 0.001
Glomerular area ($\times 10^3 \mu m^2$)							
Superficial glomeruli	8.97±0.22	8.91±0.18	10.24±0.23†	10.02±0.12†	< 0.001	0.92	0.96
Juxtamedullary glomeruli	10.60±0.30	10.08±0.25	12.02±0.38†	12.13±0.28†	< 0.001	0.62	0.31

 $CSA = cross-sectional area, anti-NGF = antiserum against nerve growth factor and ANOVA = analysis of variance. Values are the mean \pm SEM.$

* p < 0.05 versus vehicle in the same strain.

 $\dagger p < 0.05$ versus vehicle in Wistar-Kyoto rats.